

Reply, dated October 15, 2003
Serial No. 09/223,972

IN THE CLAIMS

Claim 1. (Previously Amended) A server comprising:

an interface to a data network;
an interface to a computer telephony resource providing a computer telephony service; and
means for receiving a first request from a client application coupled to the data network,
said first request containing an object-oriented, language independent, second request for access
to the computer telephony resource.

Claim 2. (Original) The server of claim 1 further comprising

a resource administrator for tracking availability of the resource.

Claim 3. (Original) The server of claim 1 wherein the request includes a parameter needed by
the resource, and wherein the interface to the resource includes means for passing the parameter
to the resource.

Claim 4. (Original) The server of claim 1 wherein the resource is a text-to-speech server, and
wherein the means for receiving an object-oriented, language independent request from the client
application includes means for receiving a request for access to the text-to-speech server.

Claim 5. (Original) The server of claim 1 wherein the resource is a speech recognition device,
and wherein the means for receiving an object-oriented, language independent request from the
client application includes means for receiving a request for access to the speech recognition
device.

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Claim 6. (Original) The server of claim 1 wherein the resource is a speaker verification device, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the speaker verification device.

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Claim 7. (Original). The server of claim 1 wherein the resource is an interactive voice response device, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the interactive voice response device.

Claim 8. (Original). The server of claim 1 wherein the resource is a facsimile device, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the facsimile device.

Claim 9. (Original). The server of claim 1 further comprising
an interface to a telecommunications network,
and wherein the resource provides a telephony service in the telecommunications network.

Claim 10. (Original) The server of claim 9 wherein the resource is a call router, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the call router.

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Claim 11. (Original) The server of claim 9 wherein the resource is a signaling system server, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the signaling system server.

Claim 12. (Previously Amended) A method for providing remote services by a server, coupled to a computer telephony resource, comprising:

receiving a first request from a client application, said first request containing an object-oriented, language-independent second request for access to the computer telephony resource;

decoding the second request to determine a parameter needed by the computer telephony resource; and

passing the parameter to the computer telephony resource.

Claim 13. (New). The server of claim 1, wherein the second request for access to the computer telephony resource is a request for the provision of services by the computer telephony service.

Claim 14. (New) A system for providing telephony services in a telecommunications network, comprising:

a server having a services interface, said server being configured to provide at least one of media services and telephony services to a client application; and

a distributed software bus configured to interface the client application to the server over a network;

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wherein the distributed software bus is configured to be used by the client application by issuing a first request on the network, said first request containing an object-oriented, language independent, second request for the provision of services by the server.

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Claim 15. (New). The system for providing telephony services in a telecommunications network of claim 14, wherein said distributed software bus comprises an object request broker interfacing objects on the bus.

Claim 16. (New). The system for providing telephony services in a telecommunications network of claim 14, wherein the system is an object-oriented system for providing media and telephony services in a distributed computing environment

